

Converting Colors

$Y_{xy}(43.2932, 0.3328, 0.2674)$

Have a look what the booklet for
Yxy(43.2932, 0.3328, 0.2674)
contains.

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Color

Yxy(43.4562, 0.3333, 0.2682)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E299CF |
| RGB | 226, 153, 207 |
| RGB Percent | 89%, 60%, 81% |
| CMY | 0.1139, 0.3999, 0.1883 |
| CMYK | 0.00, 0.32, 0.08, 0.11 |
| HSL | 316°, 56%, 74% |
| HSV | 316°, 32%, 89% |
| XYZ | 54.0043, 43.4562, 64.5686 |
| YIQ | 180.9830, 26.1740, 32.2700 |

Conversions

Conversions Part 2

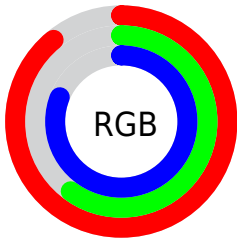
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 226, 153, 207 |
| Decimal | 14850511 |
| CIE _{Lab} | 71.86, 35.40, -16.54 |
| CIE _{LCh} | 72, 39.078, 334.959 |
| Yxy | 43.4562, 0.3333, 0.2682 |
| Android (android.graphics.Color) | 4293040591 (0xFFE299CF) |
| YUV | 180.9830, 12.8264, 39.4799 |
| Hunter-Lab | 65.9213, 30.8691, -11.9284 |

Details

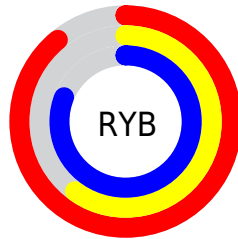
The Yxy color **43.4562, 0.3333, 0.2682** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.1170, 0.2971, 0.3988**, and the grayscale version is **46.1184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **20.1533, 0.3384, 0.2527** is the 20% darker color. If you saturate the color by 10%, you get **36.4650, 0.3417, 0.2495**, and if you desaturate by 10%, it is **51.8624, 0.3259, 0.2874**.

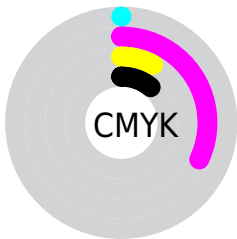
Distribution



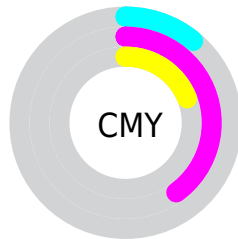
- Red (89%)
- Green (60%)
- Blue (81%)



- Red (89%)
- Yellow (60%)
- Blue (81%)



- Cyan (0%)
- Magenta (32%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4562, 0.3333, 0.2682 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 43.4562, 0.3333, 0.2682 by changing the saturation by 10% instead.


 43.4562, 0.3333,
0.2682


 43.4562, 0.3333,
0.2682


360.4845, 0.3236,
0.2974

 30.2432, 0.3355,
0.2613


 80.3988, 0.3299,
0.2785

 20.0233, 0.3383,
0.2527

 104.8973, 0.3286,
0.2825

 12.4120, 0.3418,
0.2415


133.9263, 0.3275,
0.2858

 7.0249, 0.3465,
0.2266

167.8704, 0.3265,
0.2888

 3.4777, 0.3527,
0.2059

207.1138, 0.3256,
0.2913

 1.3859, 0.3614,
0.1752

252.0411, 0.3249,

 0.2063, 0.3955,

0.2936

0.0756

303.0365, 0.3242,
0.2956

0.0000, 0.0443,
0.0000

0.0000, 0.0000,
0.0000

43.4562, 0.3333,
0.2682

43.4562, 0.3333,
0.2682

36.4650, 0.3417,
0.2495

51.8624, 0.3259,
0.2874

30.8037, 0.3511,
0.2322

61.7509, 0.3194,
0.3065

26.3868, 0.3612,
0.2174

73.1917, 0.3139,
0.3249

23.1168, 0.3718,
0.2061

86.2486, 0.3092,
0.3424

■ 20.8812, 0.3826,
0.1992

■ 93.7571, 0.3054,
0.3480

■ 19.5447, 0.3931,
0.1971

■ 94.1048, 0.3022,
0.3419

■ 18.9581, 0.4011,
0.1983

■ 94.4639, 0.2989,
0.3359

■ 94.8344, 0.2957,
0.3300

■ 94.9001, 0.2952,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.4562, 0.2778, 0.2460



43.4562, 0.3333, 0.2682



43.4562, 0.3872, 0.3037

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.4562, 0.3333, 0.2682



43.4562, 0.3901, 0.4216



43.4562, 0.2160, 0.2962

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.4562, 0.3333, 0.2682



64.1170, 0.2971, 0.3988

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43.4562, 0.2409, 0.3509



43.4562, 0.3333, 0.2682



43.4562, 0.3404, 0.4300

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.4562, 0.3333, 0.2682



43.4562, 0.4204, 0.3890



43.4562, 0.2858, 0.4036



43.4562, 0.2145, 0.2580

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.4562, 0.3333, 0.2682



43.4562, 0.4125, 0.3318



43.4562, 0.2858, 0.4036



43.4562, 0.2217, 0.3132

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.4582, 0.3333, 0.2682



84.3761, 0.3181, 0.3106



36.9688, 0.2694, 0.2373



17.6262, 0.3189, 0.3080



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.4582, 0.3333, 0.2682



50.5517, 0.3391, 0.2550



41.9037, 0.3682, 0.3078



13.8716, 0.3177, 0.3118



10.8418, 0.3995, 0.1974



0.7659, 0.3847, 0.1893

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.4582, 0.3333, 0.2682



50.5517, 0.3391, 0.2550



65.6792, 0.2766, 0.3516



13.8716, 0.3177, 0.3118



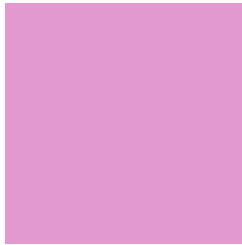
10.8418, 0.3995, 0.1974



0.7659, 0.3847, 0.1893

Previews

White Background



This preview shows how the Yxy color 43.4562, 0.3333, 0.2682 looks on a white background.

Color Contrast Check

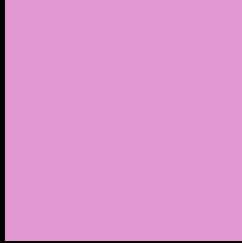
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 43.4562, 0.3333, 0.2682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4562, 0.3333, 0.2682

Background



This preview shows how black text looks on a background with the Yxy color 43.4562, 0.3333, 0.2682.



This preview shows how white text looks on a background with the Yxy color 43.4562, 0.3333, 0.2682.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.4562, 0.3333, 0.2682

Protanopia

43.9332, 0.2698, 0.2691

Deuteranopia

43.6406, 0.2957, 0.2894



Tritanopia

43.6498, 0.3618, 0.3149

Trichromacy



Original Color

43.4562, 0.3333, 0.2682



Protanomaly

43.2120, 0.2899, 0.2675



Deuteranomaly

43.1402, 0.3087, 0.2811



Tritanomaly

43.3047, 0.3507, 0.2964

Monochromacy



Original Color

43.4562, 0.3333, 0.2682



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.7138, 0.3201, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4562, 0.3333, 0.2682 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 153, 207)` looks like.

```
.text, #text, p{  
    color:rgb(226, 153, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 153, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 153, 207) }
```

Border

The CSS property to change the border of an element to Yxy 43.4562, 0.3333, 0.2682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 153, 207) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 153, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 153, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 153, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 153, 207);  
box-shadow:4px 4px 4px 4px rgb(226, 153,  
207) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 43.4562, 0.3333, 0.2682$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 153, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
153, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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